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Key word index

ACE inhibitors
Captopril; Dahl rat; (Intracerebroventricular administration) (Lark, L.A. (222) 33)

Action potentials
Cycloprotobuxine-A; $\dot{V}$; Antiarrhythmic agents; Myocardium; (Use-dependent block) (Wang, Y.-X. (222) 219)

Adenine nucleotide analogues
Skeletal muscle (innervated, frog); Ecto-enzymes; AP_5A (P^1P^5-di-(adenosine-5′)pentaphosphate); DPCPX (1,3-dipropyl-8-cyclopentylxanthine); Dipyridamole (Cascalheira, J.F. (222) 49)

Adenosine
Xanthines; Seizures; Pentylenetetrazole; EEG (electroencephalogram) (Cutrufo, C. (222) 1)

β-Adrenoceptors
Cardiac imaging; PET (positron emission tomography); CGP 12177; CGP 26505; CGP 20712A (Van Waarde, A. (222) 107)

Amylase secretion
CCK-7 analogues; Receptor binding; Gall bladder contractions; Anorexia; Analgesia; Sedation (Maletínská, L. (222) 233)

Analgesia
CRF (corticotropin-releasing factor); Dynorphin release; κ-Opioid receptors; Spinal cord (Song, Z.H. (222) 27)

CCK-7 analogues; Receptor binding; Amylase secretion; Gall bladder contractions; Anorexia; Sedation (Maletínská, L. (222) 233)

Angiotensin II
ANP (atrial natriuretic peptide); Sodium nitroprusside; Renal blood flow; Norepinephrine (Hisa, H. (222) 265)

Anorexia
CCK-7 analogues; Receptor binding; Amylase secretion; Gall bladder contractions; Analgesia; Sedation (Maletínská, L. (222) 233)

ANP (atrial natriuretic peptide)
Sodium nitroprusside; Renal blood flow; Norepinephrine; Angiotensin II (Hisa, H. (222) 265)

Antiarrhythmic agents
Cycloprotobuxine-A; Action potentials; $\dot{V}$; Myocardium; (Use-dependent block) (Wang, Y.-X. (222) 219)

Antiarrhythmics
Ibutilide fumarate; Refractory period; Conduction time; Class III activity (Cimini, M.G. (222) 93)

Anticholinesterase agents
Velnacrine; Tacrine; Physostigmine; Neuromuscular junction; Twitch response; Tetanic stimulation; (Rat) (Bosch, F. (222) 163)

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Aorta (rabbit)
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AP_5A (P^1P^5-di-(adenosine-5′)pentaphosphate)
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Area postrema
[Arg^8]vasopressin; Baroreflexes; Splanchnic sympathetic efferent discharge; Vasopressin V_1 receptor antagonists; Nucleus tractus solitarii (Zhang, X. (222) 81)

Azelastine
Smooth muscle (tracheal); Ca^{2+} levels (cytosolic); Relaxation; Smooth muscle (skinned) (Sanagi, M. (222) 247)

Baroreflexes
[Arg^8]vasopressin; Splanchnic sympathetic efferent discharge; Vasopressin V_1 receptor antagonists; Area postrema; Nucleus tractus solitarii (Zhang, X. (222) 81)

Behaviour
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Ca^{2+} channel antagonists
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Ca^{2+} levels (cytosolic)
Smooth muscle (tracheal); Azelastine; Relaxation; Smooth muscle (skinned) (Sanagi, M. (222) 247)

Captopril
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5-Carboxamidotryptamine
5-HT (5-hydroxytryptamine, serotonin); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Endothelium; Nitric oxide (NO); L-NAME (N^G-nitro-L-arginine methyl ester) (Van Gelderen, E.M. (222) 185)

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CGP 20712A
β-Adrenoceptors; Cardiac imaging; PET (positron emission tomography); CGP 12177; CGP 26505 (Van Waarde, A. (222) 107)

CGP 26505
β-Adrenoceptors; Cardiac imaging; PET (positron emission tomography); CGP 12177; CGP 20712A (Van Waarde, A. (222) 107)

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Circling
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Class III activity
Ibutilide fumarate; Antiarrhythmics; Refractory period; Conduction time (Cimini, M.G. (222) 93)

Cloricromene
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Conduction time
Ibutilide fumarate; Antiarrhythmics; Refractory period; Class III activity (Cimini, M.G. (222) 93)

Convulsions
ucb L059; Epileptogenesis; Petit-mal; Epilepsy (Gower, A.J. (222) 193)

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CP-96,345
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CRF (corticotropin-releasing factor)
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3,17-Desacetyl vecuronium
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DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane)
5-HT (5-hydroxytryptamine, serotonin); 5-Carboxamidotryptamine; Endothelium; Nitric oxide (NO); L-NAME (N^G-nitro-L-arginine methyl ester) (Van Gelderen, E.M. (222) 185)

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DPCPX (1,3-dipropyl-8-cyclopentylxanthine)
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Drug discrimination
Ethanol; NMDA receptor antagonism; Phencyclidine; NPC 12626 (Balster, R.L. (222) 39)

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Dynorphin A-(1–13)
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Dynorphin release
CRF (corticotropin-releasing factor); Analgesia; κ-Opioid receptors; Spinal cord (Song, Z.H. (222) 27)

Ecto-enzymes
Adenine nucleotide analogues; Skeletal muscle (innervated, frog); AP_5A (P^1P^5-di-(adenosine-5')pentaphosphate); DPCPX (1,3-dipropyl-8-cyclopentylxanthine); Dipyridamole (Cascalheira, J.F. (222) 49)

EEG (electroencephalogram)
Xanthines; Seizures; Pentylenetetrazole; Adenosine (Cutrufo, C. (222) 1)

EGF (epidermal growth factor)
Endothelin; Thrombin; Hypercholesterolemia; Aorta (rabbit); Vasospasm; Endothelium (Merkel, L.A. (222) 175)

Electrical transmural stimulation
Pulmonary artery (rabbit); L-N^G-Nitro arginine (L-NO_2Arg); Endothelium; Nitric oxide (NO); Noradrenaline release (Shinozuka, K. (222) 113)

Endothelin
EGF (epidermal growth factor); Thrombin; Hypercholesterolemia; Aorta (rabbit); Vasospasm; Endothelium (Merkel, L.A. (222) 175)

Endothelium
Pulmonary artery (rabbit); L-N^G-Nitro arginine (L-NO_2Arg); Electrical transmural stimulation; Nitric oxide (NO); Noradrenaline release (Shinozuka, K. (222) 113)

EGF (epidermal growth factor); Endothelin; Thrombin; Hypercholesterolemia; Aorta (rabbit); Vasospasm (Merkel, L.A. (222) 175)

5-HT (5-hydroxytryptamine, serotonin); 5-Carboxamidotryptamine; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Nitric oxide (NO); L-NAME (N^G-nitro-L-arginine methyl ester) (Van Gelderen, E.M. (222) 185)

Epilepsy
ucb L059; Convulsions; Epileptogenesis; Petit-mal (Gower, A.J. (222) 193)

NMDA (N-methyl-D-aspartate); Valproate; MK-801; Behaviour (Dziki, M. (222) 273)

Epileptogenesis
ucb L059; Convulsions; Petit-mal; Epilepsy (Gower, A.J. (222) 193)

Ethanol
NMDA receptor antagonism; Phencyclidine; NPC 12626; Drug discrimination (Balster, R.L. (222) 39)

F8Famide
F8Famide binding sites; Peptide degradation; Morphine analgesia (Gicquel, S. (222) 61)

F8Famide binding sites
F8Famide; Peptide degradation; Morphine analgesia (Gicquel, S. (222) 61)

Frontal cortex
Dopamine release; 3-Methoxytyramine; Striatum; Nucleus accumbens; (Rat) (Chrapusta, S.J. (222) 129)

Gall bladder contractions
CCK-7 analogues; Receptor binding; Amylase secretion; Anorexia; Analgesia; Sedation (Maletínská, L. (222) 233)

[^{3}H]GR65630 binding
5-HT_3 receptor antagonists; Cytostatic-induced emesis (Fernández, A.G. (222) 257)

Heart
Blood pressure; CP-96,345; NK_1 receptor antagonists; Substance P; Cigarette smoke (Delay-Goyet, P. (222) 213)

Hippocampus
Stress; Morphology; 5-HT (5-hydroxytryptamine, serotonin); Corticosteroids; Tianeptine (Watanabe, Y. (222) 157)

SK&F 38393; SCH 23390; Pilocarpine; Motor seizures (Alam, A.M. (222) 227)

5-HT_1 binding sites
5-HT_{1D} binding sites; 5-HT_{1E} binding sites; Brain (human) (Lowther, S. (222) 137)

5-HT_{1D} binding sites
5-HT_1 binding sites; 5-HT_{1E} binding sites; Brain (human) (Lowther, S. (222) 137)

5-HT_{1E} binding sites
5-HT_1 binding sites; 5-HT_{1D} binding sites; Brain (human) (Lowther, S. (222) 137)

5-HT (5-hydroxytryptamine, serotonin)
(−)-Penbutolol; 5-HT_{1A} receptor antagonism; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Synthesis and turnover; 5-HT-like behaviour; Hypothermia (Hjorth, S. (222) 121)

Stress; Hippocampus; Morphology; Corticosteroids; Tianeptine (Watanabe, Y. (222) 157)

5-Carboxamidotryptamine; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Endothelium; Nitric oxide (NO); L-NAME (N^G-nitro-L-arginine methyl ester) (Van Gelderen, E.M. (222) 185)

5-HT-like behaviour
(−)-Penbutolol; 5-HT_{1A} receptor antagonism; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT (5-hydroxytryptamine, serotonin); Synthesis and turnover; Hypothermia (Hjorth, S. (222) 121)

5-HT_{1A} receptor antagonism
(−)-Penbutolol; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT (5-hydroxytryptamine, serotonin); Synthesis and turnover; 5-HT-like behaviour; Hypothermia (Hjorth, S. (222) 121)

5-HT_3 receptor antagonists
Cytostatic-induced emesis; [^{3}H]GR65630 binding (Fernández, A.G. (222) 257)

Hypercholesterolemia
EGF (epidermal growth factor); Endothelin; Thrombin; Aorta (rabbit); Vasospasm; Endothelium (Merkel, L.A. (222) 175)

Hypothermia
(−)-Penbutolol; 5-HT_{1A} receptor antagonism; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT (5-hydroxytryptamine, serotonin); Synthesis and turnover; 5-HT-like behaviour (Hjorth, S. (222) 121)

Ibutilide fumarate
Antiarrhythmics; Refractory period; Conduction time; Class III activity (Cimini, M.G. (222) 93)

D-myo-Inositol-1,2,6-triphosphate (PP56)
Neuropeptide Y; Vasoconstriction; Non-adrenergic sympathetic nerve stimulation (Pernow, J. (222) 171)

Inotropism
Mn^{2+}; Ryanodine; Nicardipine; Myocardium; (Rat) (Agata, N. (222) 223)

Insulin
Interleukin; Prostaglandin; Dexamethasone (Shimizu, H. (222) 279)

Interleukin
Insulin; Prostaglandin; Dexamethasone (Shimizu, H. (222) 279)

Ion flux
Cromakalim; K^+ channels; Rb^+; Smooth muscle relaxation (Foster, K.A. (222) 143)

K^+ channels
Cromakalim; Ion flux; Rb^+; Smooth muscle relaxation (Foster, K.A. (222) 143)

ucb L059
Convulsions; Epileptogenesis; Petit-mal; Epilepsy (Gower, A.J. (222) 193)

L-659,989
Splanchnic artery occlusion shock; PAF (platelet-activating factor, PAF-acether); TNF-α (tumor necrosis factor); Myocardial depressant factor (Zingarelli, B. (222) 13)

Locomotor behaviour
Monoamines; Monoamine synthesis; Monoamine receptors; Umespirone; (Rat) (Ahlenius, S. (222) 69)

Long-term potentiation
SDZ ENS 163; Muscarinic M_1 receptor agonists (Boddeke, E.W.G.M. (222) 21)

Metabolites (antagonism)
Neuromuscular relaxants; Vecuronium; 3-Desacetyl vecuronium; 3,17-Desacetyl vecuronium (Khuenl-Brady, K.S. (222) 153)

Methamphetamine
Dynorphin A-(1–13); Mr 2266; Circling; Rearing; (Mouse) (Ukai, M. (222) 7)

Dopamine release; Nucleus accumbens; Dynorphin (Yokoo, H. (222) 43)

3-Methoxytyramine
Dopamine release; Striatum; Nucleus accumbens; Frontal cortex; (Rat) (Chrapusta, S.J. (222) 129)

Microdialysis
DOPA (3,4-dihydroxyphenylalanine); Nicotine-evoked release; Nicotinic acetylcholine receptors (tonic); Striatum (Nakamura, S. (222) 75)

MK-801
Epilepsy; NMDA (N-methyl-D-aspartate); Valproate; Behaviour (Dziki, M. (222) 273)

Mn^{2+}
Ryanodine; Nicardipine; Myocardium; Inotropism; (Rat) (Agata, N. (222) 223)

Monoamine receptors
Locomotor behaviour; Monoamines; Monoamine synthesis; Umespirone; (Rat) (Ahlenius, S. (222) 69)

Monoamines
Locomotor behaviour; Monoamine synthesis; Monoamine receptors; Umespirone; (Rat) (Ahlenius, S. (222) 69)

Monoamine synthesis
Locomotor behaviour; Monoamines; Monoamine receptors; Umespirone; (Rat) (Ahlenius, S. (222) 69)

Morphine
Neurotensin; Body temperature; Pertussis toxin (Basilico, L. (222) 241)

Morphine analgesia
F8Famide; F8Famide binding sites; Peptide degradation (Gicquel, S. (222) 61)

Morphology
Stress; Hippocampus; 5-HT (5-hydroxytryptamine, serotonin); Corticosteroids; Tianeptine (Watanabe, Y. (222) 157)

Motor seizures
Hippocampus; SK&F 38393; SCH 23390; Pilocarpine (Alam, A.M. (222) 227)

Mr 2266
Dynorphin A-(1–13); Methamphetamine; Circling; Rearing; (Mouse) (Ukai, M. (222) 7)

Muscarinic M_1 receptor agonists
SDZ ENS 163; Long-term potentiation (Boddeke, E.W.G.M. (222) 21)

Muscle relaxation
Aorta; Ca^{2+} channel antagonists; [^{3}H] TC-81 (distribution of) (Okamiya, Y. (222) 99)

Myocardial depressant factor
Splanchnic artery occlusion shock; PAF (platelet-activating factor, PAF-acether); TNF-α (tumor necrosis factor); L-659,989 (Zingarelli, B. (222) 13)

Myocardium
Cycloprotobuxine-A; Action potentials; $\dot{V}$; Antiarrhythmic agents; (Use-dependent block) (Wang, Y.-X. (222) 219)

Mn^{2+}; Ryanodine; Nicardipine; Inotropism; (Rat) (Agata, N. (222) 223)

L-NAME (N^G-nitro-L-arginine methyl ester)
5-HT (5-hydroxytryptamine, serotonin); 5-Carboxamidotryptamine; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Endothelium; Nitric oxide (NO) (Van Gelderen, E.M. (222) 185)

Neuromuscular junction
Velnacrine; Tacrine; Physostigmine; Anticholinesterase agents; Twitch response; Tetanic stimulation; (Rat) (Bosch, F. (222) 163)

Neuromuscular relaxants
Vecuronium; 3-Desacetyl vecuronium; 3,17-Desacetyl vecuronium; Metabolites (antagonism) (Khuenl-Brady, K.S. (222) 153)

Neuropeptide Y
Vasoconstriction; Non-adrenergic sympathetic nerve stimulation; D-myo-Inositol-1,2,6-triphosphate (PP56) (Pernow, J. (222) 171)

Neurotensin
Morphine; Body temperature; Pertussis toxin (Basilico, L. (222) 241)

Nicardipine
Mn^{2+}; Ryanodine; Myocardium; Inotropism; (Rat) (Agata, N. (222) 223)

Nicotine-evoked release
DOPA (3,4-dihydroxyphenylalanine); Nicotinic acetylcholine receptors (tonic); Striatum; Microdialysis (Nakamura, S. (222) 75)

Nicotinic acetylcholine receptors (tonic)
DOPA (3,4-dihydroxyphenylalanine); Nicotine-evoked release; Striatum; Microdialysis (Nakamura, S. (222) 75)

Nitric oxide (NO)
Pulmonary artery (rabbit); L-N^G-Nitro arginine (L-NO_2Arg); Endothelium; Electrical transmural stimulation; Noradrenaline release (Shinozuka, K. (222) 113)

5-HT (5-hydroxytryptamine, serotonin); 5-Carboxamidotryptamine; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Endothelium; L-NAME (N^G-nitro-L-arginine methyl ester) (Van Gelderen, E.M. (222) 185)

L-N^G-Nitro arginine (L-NO_2Arg)
Pulmonary artery (rabbit); Endothelium; Electrical transmural stimulation; Nitric oxide (NO); Noradrenaline release (Shinozuka, K. (222) 113)

NK_1 receptor antagonists
Blood pressure; CP-96,345; Heart; Substance P; Cigarette smoke (Delay-Goyet, P. (222) 213)

NK receptors
Smooth muscle; Bladder (guinea-pig) (Longmore, J. (222) 167)

NMDA (N-methyl-D-aspartate)
Epilepsy; Valproate; MK-801; Behaviour (Dziki, M. (222) 273)

NMDA receptor antagonism
Ethanol; Phencyclidine; NPC 12626; Drug discrimination (Balster, R.L. (222) 39)

Non-adrenergic sympathetic nerve stimulation
Neuropeptide Y; Vasoconstriction; D-myo-Inositol-1,2,6-triphosphate (PP56) (Pernow, J. (222) 171)

Noradrenaline release
Pulmonary artery (rabbit); L-N^G-Nitro arginine (L-NO_2Arg); Endothelium; Electrical transmural stimulation; Nitric oxide (NO) (Shinozuka, K. (222) 113)

Norepinephrine
ANP (atrial natriuretic peptide); Sodium nitroprusside; Renal blood flow; Angiotensin II (Hisa, H. (222) 265)

NPC 12626
Ethanol; NMDA receptor antagonism; Phencyclidine; Drug discrimination (Balster, R.L. (222) 39)

Nucleus accumbens
Dopamine release; Methamphetamine; Dynorphin (Yokoo, H. (222) 43)

Dopamine release; 3-Methoxytyramine; Striatum; Frontal cortex; (Rat) (Chrapusta, S.J. (222) 129)

Nucleus tractus solitarii
[Arg^8]vasopressin; Baroreflexes; Splanchnic sympathetic efferent discharge; Vasopressin V_1 receptor antagonists; Area postrema (Zhang, X. (222) 81)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
(−)-Penbutolol; $5\text{-}HT_{1A}$ receptor antagonism; 5-HT (5-hydroxytryptamine, serotonin); Synthesis and turnover; 5-HT-like behaviour; Hypothermia (Hjorth, S. (222) 121)

κ-Opioid receptors
CRF (corticotropin-releasing factor); Dynorphin release; Analgesia; Spinal cord (Song, Z.H. (222) 27)

PAF (platelet-activating factor, PAF-acether)
Splanchnic artery occlusion shock; TNF-α (tumor necrosis factor); Myocardial depressant factor; L-659,989 (Zingarelli, B. (222) 13)

(−)-Penbutolol
$5\text{-}HT_{1A}$ receptor antagonism; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT (5-hydroxytryptamine, serotonin); Synthesis and turnover; 5-HT-like behaviour; Hypothermia (Hjorth, S. (222) 121)

Pentylenetetrazole
Xanthines; Seizures; EEG (electroencephalogram); Adenosine (Cutrufo, C. (222) 1)

Peptide degradation
F8Famide; F8Famide binding sites; Morphine analgesia (Gicquel, S. (222) 61)

Pertussis toxin
Morphine; Neurotensin; Body temperature (Basilico, L. (222) 241)

Petit-mal
ucb L059; Convulsions; Epileptogenesis; Epilepsy (Gower, A.J. (222) 193)

PET (positron emission tomography)
β-Adrenoceptors; Cardiac imaging; CGP 12177; CGP 26505; CGP 20712A (Van Waarde, A. (222) 107)

Phencyclidine
Ethanol; NMDA receptor antagonism; NPC 12626; Drug discrimination (Balster, R.L. (222) 39)

Phorbol ester
Protein kinase C; Bladder; Urethra (Yoshida, M. (222) 205)

Physostigmine
Velnacrine; Tacrine; Anticholinesterase agents; Neuromuscular junction; Twitch response; Tetanic stimulation; (Rat) (Bosch, F. (222) 163)

Pilocarpine
Hippocampus; SK&F 38393; SCH 23390; Motor seizures (Alam, A.M. (222) 227)

Platelet aggregation
Cloricromene; Antiplatelet compounds; Polymorphonuclear cells (Mollace, V. (222) 181)

Polymorphonuclear cells
Cloricromene; Platelet aggregation; Antiplatelet compounds (Mollace, V. (222) 181)

Prostaglandin
Interleukin; Insulin; Dexamethasone (Shimizu, H. (222) 279)

Protein kinase C
Phorbol ester; Bladder; Urethra (Yoshida, M. (222) 205)

Pulmonary artery (rabbit)
L-N^G-Nitro arginine (L-NO_2Arg); Endothelium; Electrical transmural stimulation; Nitric oxide (NO); Noradrenaline release (Shinozuka, K. (222) 113)

Rb^+
Cromakalim; Ion flux; K^+ channels; Smooth muscle relaxation (Foster, K.A. (222) 143)

Rearing
Dynorphin A-(1–13); Methamphetamine; Mr 2266; Circling; (Mouse) (Ukai, M. (222) 7)

Receptor binding
CCK-7 analogues; Amylase secretion; Gall bladder contractions; Anorexia; Analgesia; Sedation (Maletínská, L. (222) 233)

Refractory period
Ibutilide fumarate; Antiarrhythmics; Conduction time; Class III activity (Cimini, M.G. (222) 93)

Relaxation
Smooth muscle (tracheal); Azelastine; Ca^{2+} levels (cytosolic); Smooth muscle (skinned) (Sanagi, M. (222) 247)

Renal blood flow
ANP (atrial natriuretic peptide); Sodium nitroprusside; Norepinephrine; Angiotensin II (Hisa, H. (222) 265)

Ryanodine
Mn^{2+}; Nicardipine; Myocardium; Inotropism; (Rat) (Agata, N. (222) 223)

SCH 23390
Hippocampus; SK&F 38393; Pilocarpine; Motor seizures (Alam, A.M. (222) 227)

SDZ ENS 163
Muscarinic M_1 receptor agonists; Long-term potentiation (Boddeke, E.W.G.M. (222) 21)

Sedation
CCK-7 analogues; Receptor binding; Amylase secretion; Gall bladder contractions; Anorexia; Analgesia (Maletínská, L. (222) 233)

Seizures
Xanthines; Pentylenetetrazole; EEG (electroencephalogram); Adenosine (Cutrufo, C. (222) 1)

Skeletal muscle (innervated, frog)
Adenine nucleotide analogues; Ecto-enzymes; AP_5A (P^1P^5-di-(adenosine-5′)pentaphosphate); DPCPX (1,3-dipropyl-8-cyclopentylxanthine); Dipyridamole (Cascalheira, J.F. (222) 49)

SK&F 38393
Hippocampus; SCH 23390; Pilocarpine; Motor seizures (Alam, A.M. (222) 227)

Smooth muscle
NK receptors; Bladder (guinea-pig) (Longmore, J. (222) 167)

Smooth muscle relaxation
Cromakalim; Ion flux; K^+ channels; Rb^+ (Foster, K.A. (222) 143)

Smooth muscle (skinned)
Smooth muscle (tracheal); Azelastine; Ca^{2+} levels (cytosolic); Relaxation (Sanagi, M. (222) 247)

Smooth muscle (tracheal)
Azelastine; Ca^{2+} levels (cytosolic); Relaxation; Smooth muscle (skinned) (Sanagi, M. (222) 247)

Sodium nitroprusside
ANP (atrial natriuretic peptide); Renal blood flow; Norepinephrine; Angiotensin II (Hisa, H. (222) 265)

Spinal cord
CRF (corticotropin-releasing factor); Dynorphin release; Analgesia; κ-Opioid receptors (Song, Z.H. (222) 27)

Splanchnic artery occlusion shock
PAF (platelet-activating factor, PAF-acether); TNF-α (tumor necrosis factor); Myocardial depressant factor; L-659,989 (Zingarelli, B. (222) 13)

Splanchnic sympathetic efferent discharge
[Arg^8]vasopressin; Baroreflexes; Vasopressin V_1 receptor antagonists; Area postrema; Nucleus tractus solitarii (Zhang, X. (222) 81)

Stress
Hippocampus; Morphology; 5-HT (5-hydroxytryptamine, serotonin); Corticosteroids; Tianeptine (Watanabe, Y. (222) 157)

Striatum
DOPA (3,4-dihydroxyphenylalanine); Nicotine-evoked release; Nicotinic acetylcholine receptors (tonic); Microdialysis (Nakamura, S. (222) 75)

Dopamine release; 3-Methoxytyramine; Nucleus accumbens; Frontal cortex; (Rat) (Chrapusta, S.J. (222) 129)

Substance P
Blood pressure; CP-96,345; Heart; NK_1 receptor antagonists; Cigarette smoke (Delay-Goyet, P. (222) 213)

Synthesis and turnover
(−)-Penbutolol; $5\text{-}HT_{1A}$ receptor antagonism; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT (5-hydroxytryptamine, serotonin); 5-HT-like behaviour; Hypothermia (Hjorth, S. (222) 121)

Tacrine
Velnacrine; Physostigmine; Anticholinesterase agents; Neuromuscular junction; Twitch response; Tetanic stimulation; (Rat) (Bosch, F. (222) 163)

[^{3}H] TC-81 (distribution of)
Aorta; Ca^{2+} channel antagonists; Muscle relaxation (Okamiya, Y. (222) 99)

Tetanic stimulation
Velnacrine; Tacrine; Physostigmine; Anticholinesterase agents; Neuromuscular junction; Twitch response; (Rat) (Bosch, F. (222) 163)

Thrombin
EGF (epidermal growth factor); Endothelin; Hypercholesterolemia; Aorta (rabbit); Vasospasm; Endothelium (Merkel, L.A. (222) 175)

Tianeptine
Stress; Hippocampus; Morphology; 5-HT (5-hydroxytryptamine, serotonin); Corticosteroids (Watanabe, Y. (222) 157)

TNF-α (tumor necrosis factor)
Splanchnic artery occlusion shock; PAF (platelet-activating factor, PAF-acether); Myocardial depressant factor; L-659,989 (Zingarelli, B. (222) 13)

Twitch response
Velnacrine; Tacrine; Physostigmine; Anticholinesterase agents; Neuromuscular junction; Tetanic stimulation; (Rat) (Bosch, F. (222) 163)

Umespirone
Locomotor behaviour; Monoamines; Monoamine synthesis; Monoamine receptors; (Rat) (Ahlenius, S. (222) 69)

Urethra
Phorbol ester; Protein kinase C; Bladder (Yoshida, M. (222) 205)

V
Cycloprotobuxine-A; Action potentials; Antiarrhythmic agents; Myocardium; (Use-dependent block) (Wang, Y.-X. (222) 219)

Valproate
Epilepsy; NMDA (N-methyl-D-aspartate); MK-801; Behaviour (Dziki, M. (222) 273)

Vasoconstriction
Neuropeptide Y; Non-adrenergic sympathetic nerve stimulation; D-myo-Inositol-1,2,6-triphosphate (PP56) (Pernow, J. (222) 171)

[Arg^8]vasopressin
Baroreflexes; Splanchnic sympathetic efferent discharge; Vasopressin V_1 receptor antagonists; Area postrema; Nucleus tractus solitarii (Zhang, X. (222) 81)

Vasopressin V_1 receptor antagonists
[Arg^8]vasopressin; Baroreflexes; Splanchnic sympathetic efferent discharge; Area postrema; Nucleus tractus solitarii (Zhang, X. (222) 81)

Vasospasm
EGF (epidermal growth factor); Endothelin; Thrombin; Hypercholesterolemia; Aorta (rabbit); Endothelium (Merkel, L.A. (222) 175)

Vecuronium
Neuromuscular relaxants; 3-Desacetyl vecuronium; 3,17-Desacetyl vecuronium; Metabolites (antagonism) (Khuenl-Brady, K.S. (222) 153)

Velnacrine
Tacrine; Physostigmine; Anticholinesterase agents; Neuromuscular junction; Twitch response; Tetanic stimulation; (Rat) (Bosch, F. (222) 163)

Xanthines
Seizures; Pentylenetetrazole; EEG (electroencephalogram); Adenosine (Cutrufo, C. (222) 1)